

<400> 2
Met Arg Ser Phe
1

<210> 3
<211> 5
<212> PRT
<213> Homo Sapiens

<400> 3
Met Arg Ser Phe Phe
1 5

<210> 4
<211> 6
<212> PRT
<213> Homo Sapiens

<400> 4
Met Arg Ser Phe Phe Ser
1 5

<210> 5
<211> 7
<212> PRT
<213> Homo Sapiens

<400> 5
Met Arg Ser Phe Phe Ser Phe
1 5

<210> 6
<211> 8
<212> PRT
<213> Homo Sapiens

<400> 6
Met Arg Ser Phe Phe Ser Phe Leu
1 5

<210> 7
<211> 9
<212> PRT
<213> Homo Sapiens

<400> 7
Met Arg Ser Phe Phe Ser Phe Leu Gly
1 5

<210> 8
<211> 10
<212> PRT
<213> Homo Sapiens

<400> 8
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu
1 5 10

<210> 9
<211> 11
<212> PRT
<213> Homo Sapiens

<400> 9
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala
1 5 10

<210> 10
<211> 12
<212> PRT
<213> Homo Sapiens

<400> 10
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe
1 5 10

<210> 11
<211> 13
<212> PRT
<213> Homo Sapiens

<400> 11
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp
1 5 10

<210> 12
<211> 14
<212> PRT
<213> Homo Sapiens

<400> 12
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly
1 5 10

<210> 13
<211> 15
<212> PRT
<213> Homo Sapiens

<400> 13
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala
1 5 10 15

<210> 14
<211> 16
<212> PRT
<213> Homo Sapiens

<400> 14
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15

<210> 15
<211> 17
<212> PRT
<213> Homo Sapiens

<400> 15
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp

<210> 16
<211> 18
<212> PRT
<213> Homo Sapiens

<400> 16
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met

<210> 17
<211> 19
<212> PRT
<213> Homo Sapiens

<400> 17
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp

<210> 18
<211> 20
<212> PRT
<213> Homo Sapiens

<400> 18
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg
 20

<210> 19
 <211> 21
 <212> PRT
 <213> Homo Sapiens

<400> 19
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala
 20

<210> 20
 <211> 22
 <212> PRT
 <213> Homo Sapiens

<400> 20
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr
 20

<210> 21
 <211> 23
 <212> PRT
 <213> Homo Sapiens

<400> 21
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser
 20

<210> 22
 <211> 24
 <212> PRT
 <213> Homo Sapiens

<400> 22
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp
 20

<210> 23
<211> 25
<212> PRT
<213> Homo Sapiens

<400> 23
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met
20 25

<210> 24
<211> 26
<212> PRT
<213> Homo Sapiens

<400> 24
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg
20 25

<210> 25
<211> 27
<212> PRT
<213> Homo Sapiens

<400> 25
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu
20 25

<210> 26
<211> 28
<212> PRT
<213> Homo Sapiens

<400> 26
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala
20 25

<210> 27
<211> 29
<212> PRT
<213> Homo Sapiens

<400> 27

Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn
 20 25

<210> 28
 <211> 30
 <212> PRT
 <213> Homo Sapiens

<400> 28
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr
 20 25 30

<210> 29
 <211> 31
 <212> PRT
 <213> Homo Sapiens

<400> 29
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile
 20 25 30

<210> 30
 <211> 32
 <212> PRT
 <213> Homo Sapiens

<400> 30
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30

<210> 31
 <211> 33
 <212> PRT
 <213> Homo Sapiens

<400> 31
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser

<210> 32
 <211> 34
 <212> PRT
 <213> Homo Sapiens

<400> 32
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp

<210> 33
 <211> 35
 <212> PRT
 <213> Homo Sapiens

<400> 33
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys
 35

<210> 34
 <211> 36
 <212> PRT
 <213> Homo Sapiens

<400> 34
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr
 35

<210> 35
 <211> 37
 <212> PRT
 <213> Homo Sapiens

<400> 35
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe
 35

<210> 36
<211> 38
<212> PRT
<213> Homo Sapiens

<400> 36
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His
35

<210> 37
<211> 39
<212> PRT
<213> Homo Sapiens

<400> 37
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala
35

<210> 38
<211> 40
<212> PRT
<213> Homo Sapiens

<400> 38
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg
35 40

<210> 39
<211> 41
<212> PRT
<213> Homo Sapiens

<400> 39
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly

<210> 40
 <211> 42
 <212> PRT
 <213> Homo Sapiens

<400> 40
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn
 35 40

<210> 41
 <211> 43
 <212> PRT
 <213> Homo Sapiens

<400> 41
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr
 35 40

<210> 42
 <211> 44
 <212> PRT
 <213> Homo Sapiens

<400> 42
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
 35 40

<210> 43
 <211> 45
 <212> PRT
 <213> Homo Sapiens

<400> 43
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30

Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
 35 40 45

<210> 44
 <211> 46
 <212> PRT
 <213> Homo Sapiens

<400> 44
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
 35 40 45

<210> 45
 <211> 47
 <212> PRT
 <213> Homo Sapiens

<400> 45
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
 35 40 45

<210> 46
 <211> 48
 <212> PRT
 <213> Homo Sapiens

<400> 46
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45

<210> 47
 <211> 49
 <212> PRT
 <213> Homo Sapiens

<400> 47
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly

```
<210> 48
<211> 50
<212> PRT
<213> Homo Sapiens
```

```
<210> 49
<211> 51
<212> PRT
<213> Homo Sapiens
```

```
<210> 50
<211> 52
<212> PRT
<213> Homo Sapiens
```

- 12 -

<210> 51
<211> 53
<212> PRT
<213> Homo Sapiens

<400> 51
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val
50

<210> 52
<211> 54
<212> PRT
<213> Homo Sapiens

<400> 52
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp
50

<210> 53
<211> 55
<212> PRT
<213> Homo Sapiens

<400> 53
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala
50 55

<210> 54
<211> 56
<212> PRT
<213> Homo Sapiens

<400> 54
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg

1	5	10	15
Asp Met Trp	Arg Ala Tyr Ser Asp	Met Arg Glu Ala Asn Tyr	Ile Gly
20	25	30	
Ser Asp Lys	Tyr Phe His Ala Arg	Gly Asn Tyr Asp	Ala Ala Lys Arg
35	40	45	
Gly Pro Gly	Gly Val Trp Ala	Ala	
50	55		

<210> 55
 <211> 57
 <212> PRT
 <213> Homo Sapiens

<400> 55
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu
50 55

<210> 56
 <211> 58
 <212> PRT
 <213> Homo Sapiens

<400> 56
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
50 55

<210> 57
 <211> 59
 <212> PRT
 <213> Homo Sapiens

<400> 57
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
50 55

<210> 58
 <211> 60
 <212> PRT
 <213> Homo Sapiens

<400> 58
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
 50 55 60

<210> 59
 <211> 61
 <212> PRT
 <213> Homo Sapiens

<400> 59
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
 50 55 60

<210> 60
 <211> 62
 <212> PRT
 <213> Homo Sapiens

<400> 60
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
 50 55 60

<210> 61
 <211> 63
 <212> PRT
 <213> Homo Sapiens

<400> 61

```
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1           5           10           15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
      20           25           30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
      35           40           45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
      50           55           60
```

<210> 62

<211> 64

<212> PRT

<213> Homo Sapiens

<400> 62

```
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1           5           10           15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
      20           25           30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
      35           40           45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
      50           55           60
```

<210> 63

<211> 66

<212> PRT

<213> Homo Sapiens

<400> 63

```
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1           5           10           15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
      20           25           30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
      35           40           45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
      50           55           60
Asn Ile
65
```

<210> 64

<211> 67

<212> PRT

<213> Homo Sapiens

<400> 64

```
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1           5           10           15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
      20           25           30
```


Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln
65

<210> 65
<211> 68
<212> PRT
<213> Homo Sapiens

<400> 65
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg
65

<210> 66
<211> 69
<212> PRT
<213> Homo Sapiens

<400> 66
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe
65

<210> 67
<211> 70
<212> PRT
<213> Homo Sapiens

<400> 67
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg

35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe
 65 70

<210> 68
 <211> 71
 <212> PRT
 <213> Homo Sapiens

<400> 68
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly
 65 70

<210> 69
 <211> 72
 <212> PRT
 <213> Homo Sapiens

<400> 69
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg
 65 70

<210> 70
 <211> 73
 <212> PRT
 <213> Homo Sapiens

<400> 70
 Met Arg Ser Phe Phe Ser 'Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45

Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly
65 70

<210> 71
<211> 74
<212> PRT
<213> Homo Sapiens

<400> 71
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
65 70

<210> 72
<211> 75
<212> PRT
<213> Homo Sapiens

<400> 72
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
65 70 75

<210> 73
<211> 76
<212> PRT
<213> Homo Sapiens

<400> 73
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu

50		55		60
Asn Ile Gln Arg Phe	Phe Gly Arg Gly Ala	Glu Asp		
65	70		75	

<210> 74
 <211> 77
 <212> PRT
 <213> Homo Sapiens

<400> 74
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
 65 70 75

<210> 75
 <211> 78
 <212> PRT
 <213> Homo Sapiens

<400> 75
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
 65 70 75

<210> 76
 <211> 79
 <212> PRT
 <213> Homo Sapiens

<400> 76
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60

Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
 65 70 75

<210> 77
 <211> 80
 <212> PRT
 <213> Homo Sapiens

<400> 77
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80

<210> 78
 <211> 81
 <212> PRT
 <213> Homo Sapiens

<400> 78
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln

<210> 79
 <211> 82
 <212> PRT
 <213> Homo Sapiens

<400> 79
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu

Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu
 85

<210> 83
 <211> 86
 <212> PRT
 <213> Homo Sapiens

<400> 83
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp
 85

<210> 84
 <211> 87
 <212> PRT
 <213> Homo Sapiens

<400> 84
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly
 85

<210> 85
 <211> 88
 <212> PRT

<213> Homo Sapiens

<400> 85

Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
65 70 75 80
Gln Ala Ala Asn Glu Trp Gly Arg
85

<210> 86

<211> 89

<212> PRT

<213> Homo Sapiens

<400> 86

Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
65 70 75 80
Gln Ala Ala Asn Glu Trp Gly Arg Ser
85

<210> 87

<211> 90

<212> PRT

<213> Homo Sapiens

<400> 87

Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
20 25 30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
35 40 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
50 55 60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
65 70 75 80
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
85 90

<210> 88
 <211> 91
 <212> PRT
 <213> Homo Sapiens

<400> 88
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
 85 90

<210> 89
 <211> 92
 <212> PRT
 <213> Homo Sapiens

<400> 89
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
 85 90

<210> 90
 <211> 93
 <212> PRT
 <213> Homo Sapiens

<400> 90
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu

50		55		60
Asn Ile Gln Arg Phe	Phe Gly Arg Gly Ala	Glu Asp Ser Leu Ala Asp		
65	70	75	80	
Gln Ala Ala Asn Glu	Trp Gly Arg Ser Gly	Lys Asp Pro		
85	90			

<210> 91
 <211> 94
 <212> PRT
 <213> Homo Sapiens

<400> 91	
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg	
1 5 10 15	
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly	
20 25 30	
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg	
35 40 45	
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu	
50 55 60	
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp	
65 70 75 80	
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn	
85 90	

<210> 92
 <211> 95
 <212> PRT
 <213> Homo Sapiens

<400> 92	
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg	
1 5 10 15	
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly	
20 25 30	
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg	
35 40 45	
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu	
50 55 60	
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp	
65 70 75 80	
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His	
85 90 95	

<210> 93
 <211> 96
 <212> PRT
 <213> Homo Sapiens

<400> 93	
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg	
1 5 10 15	

Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly
			20					25					30		
Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg
		35					40				45				
Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
	50					55				60					
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
65					70					75				80	
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
			85						90					95	

<210> 94
 <211> 97
 <212> PRT
 <213> Homo Sapiens

<400> 94

Met	Arg	Ser	Phe	Phe	Ser	Phe	Leu	Gly	Glu	Ala	Phe	Asp	Gly	Ala	Arg
1				5					10					15	
Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly
			20				25						30		
Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg
		35					40				45				
Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
	50					55				60					
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
65					70					75				80	
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
			85						90					95	

Arg

<210> 95
 <211> 98
 <212> PRT
 <213> Homo Sapiens

<400> 95

Met	Arg	Ser	Phe	Phe	Ser	Phe	Leu	Gly	Glu	Ala	Phe	Asp	Gly	Ala	Arg
1				5					10					15	
Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly
			20				25						30		
Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg
		35					40				45				
Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
	50					55				60					
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
65					70					75				80	
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
			85						90					95	

Arg Pro

<210> 96
 <211> 99
 <212> PRT
 <213> Homo Sapiens

<400> 96
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala

<210> 97
 <211> 100
 <212> PRT
 <213> Homo Sapiens

<400> 97
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala Gly
 100

<210> 98
 <211> 101
 <212> PRT
 <213> Homo Sapiens

<400> 98
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30

Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala Gly Leu
 100

<210> 99
 <211> 102
 <212> PRT
 <213> Homo Sapiens

<400> 99
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala Gly Leu Pro
 100

<210> 100
 <211> 103
 <212> PRT
 <213> Homo Sapiens

<400> 100
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala Gly Leu Pro Glu
 100

<210> 101
 <211> 104
 <212> PRT
 <213> Homo Sapiens

<400> 101
 Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
 1 5 10 15
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 20 25 30
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 35 40 45
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 50 55 60
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 65 70 75 80
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 85 90 95
 Arg Pro Ala Gly Leu Pro Glu Lys
 100

<210> 102
 <211> 104
 <212> PRT
 <213> Homo Sapiens

<400> 102
 Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp
 1 5 10 15
 Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser
 20 25 30
 Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
 35 40 45
 Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
 50 55 60
 Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
 65 70 75 80
 Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
 85 90 95
 Pro Ala Gly Leu Pro Glu Lys Tyr
 100

<210> 103
 <211> 103
 <212> PRT
 <213> Homo Sapiens

<400> 103
 Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met
 1 5 10 15
 Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp
 20 25 30

Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
 35 40 45
 Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
 50 55 60
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 65 70 75 80
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
 85 90 95
 Ala Gly Leu Pro Glu Lys Tyr
 100

<210> 104
 <211> 102
 <212> PRT
 <213> Homo Sapiens

<400> 104
 Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp
 1 5 10 15
 Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys
 20 25 30
 Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
 35 40 45
 Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
 50 55 60
 Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
 65 70 75 80
 Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
 85 90 95
 Gly Leu Pro Glu Lys Tyr
 100

<210> 105
 <211> 101
 <212> PRT
 <213> Homo Sapiens

<400> 105
 Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg
 1 5 10 15
 Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr
 20 25 30
 Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
 35 40 45
 Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
 50 55 60
 Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
 65 70 75 80
 Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
 85 90 95
 Leu Pro Glu Lys Tyr
 100

<210> 106
 <211> 100
 <212> PRT
 <213> Homo Sapiens

<400> 106
 Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala
 1 5 10 15
 Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe
 20 25 30
 His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
 35 40 45
 Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
 50 55 60
 Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
 65 70 75 80
 Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
 85 90 95
 Pro Glu Lys Tyr
 100

<210> 107
 <211> 99
 <212> PRT
 <213> Homo Sapiens

<400> 107
 Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
 1 5 10 15
 Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His
 20 25 30
 Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
 35 40 45
 Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
 50 55 60
 Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
 65 70 75 80
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 85 90 95
 Glu Lys Tyr

<210> 108
 <211> 98
 <212> PRT
 <213> Homo Sapiens

<400> 108
 Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser
 1 5 10 15
 Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala
 20 25 30

Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
 35 40 45
 Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
 50 55 60
 Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
 65 70 75 80
 Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
 85 90 95
 Lys Tyr

<210> 109
 <211> 97
 <212> PRT
 <213> Homo Sapiens

<400> 109
 Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
 1 5 10 15
 Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg
 20 25 30
 Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
 35 40 45
 Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
 50 55 60
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 65 70 75 80
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 85 90 95
 Tyr

<210> 110
 <211> 96
 <212> PRT
 <213> Homo Sapiens

<400> 110
 Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met
 1 5 10 15
 Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly
 20 25 30
 Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
 35 40 45
 Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
 50 55 60
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
 65 70 75 80
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85 90 95

<210> 111

<211> 95
 <212> PRT
 <213> Homo Sapiens

<400> 111

Ala	Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg
1				5					10					15	
Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn
		20					25					30			
Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala
		35				40					45				
Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala
	50				55					60					
Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly
65				70					75					80	
Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr	
			85					90						95	

<210> 112
 <211> 94
 <212> PRT
 <213> Homo Sapiens

<400> 112

Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu
1				5					10					15	
Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr
		20					25					30			
Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile
		35				40					45				
Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu
	50				55					60					
Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys
65				70					75					80	
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
			85					90							

<210> 113
 <211> 93
 <212> PRT
 <213> Homo Sapiens

<400> 113

Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala
1				5					10					15	
Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp
		20					25					30			
Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser
		35				40						45			
Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp
	50				55					60					
Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
65				70					75					80	

Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85 90

<210> 114
 <211> 92
 <212> PRT
 <213> Homo Sapiens

<400> 114
 Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn
 1 5 10 15
 Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
 20 25 30
 Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
 35 40 45
 Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
 50 55 60
 Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
 65 70 75 80
 Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85 90

<210> 115
 <211> 91
 <212> PRT
 <213> Homo Sapiens

<400> 115
 Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr
 1 5 10 15
 Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
 20 25 30
 Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
 35 40 45
 Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
 50 55 60
 Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
 65 70 75 80
 His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85 90

<210> 116
 <211> 90
 <212> PRT
 <213> Homo Sapiens

<400> 116
 Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile
 1 5 10 15
 Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
 20 25 30
 Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg

	35		40		45
Glu	Asn	Ile	Gln	Arg	Phe
	50		55		60
Asp	Gln	Ala	Ala	Asn	Glu
65		70		75	
Phe	Arg	Pro	Ala	Gly	Leu
	85		90		

<210> 117
 <211> 89
 <212> PRT
 <213> Homo Sapiens

Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly
1			5				10						15		
Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg
	20			25				30							
Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
	35			40				45							
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
50			55			60									
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
65			70			75								80	
Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr							
			85												

<210> 118
 <211> 88
 <212> PRT
 <213> Homo Sapiens

Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser
1			5				10						15		
Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly
	20			25				30							
Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn
	35			40				45							
Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln
50			55			60									
Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg
65			70			75								80	
Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr								
			85												

<210> 119
 <211> 87
 <212> PRT
 <213> Homo Sapiens

<400> 119

Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp
 1 5 10 15
 Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
 20 25 30
 Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
 35 40 45
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 50 55 60
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
 65 70 75 80
 Ala Gly Leu Pro Glu Lys Tyr
 85

<210> 120

<211> 86

<212> PRT

<213> Homo Sapiens

<400> 120

Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys
 1 5 10 15
 Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
 20 25 30
 Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
 35 40 45
 Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
 50 55 60
 Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
 65 70 75 80
 Gly Leu Pro Glu Lys Tyr
 85

<210> 121

<211> 84

<212> PRT

<213> Homo Sapiens

<400> 121

Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe
 1 5 10 15
 His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
 20 25 30
 Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
 35 40 45
 Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
 50 55 60
 Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
 65 70 75 80
 Pro Glu Lys Tyr

<210> 122

<211> 83
 <212> PRT
 <213> Homo Sapiens

<400> 122

Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His
1				5					10					15	
Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp
			20					25					30		
Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe
		35					40					45			
Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp
	50					55				60					
Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro
65					70					75					80
Glu	Lys	Tyr													

<210> 123
 <211> 82
 <212> PRT
 <213> Homo Sapiens

<400> 123

Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala
1				5				10						15	
Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala
			20					25					30		
Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly
		35					40				45				
Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly
	50					55				60					
Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu
65					70					75					80
Lys	Tyr														

<210> 124
 <211> 81
 <212> PRT
 <213> Homo Sapiens

<400> 124

Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg
1				5				10						15	
Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala
			20					25					30		
Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg
		35					40				45				
Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg
	50					55				60					
Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys
65					70					75					80

Tyr

<210> 125
<211> 80
<212> PRT
<213> Homo Sapiens

<400> 125
Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly
1 5 10 15
Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
20 25 30
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
35 40 45
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
50 55 60
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65 70 75 80

<210> 126
<211> 79
<212> PRT
<213> Homo Sapiens

<400> 126
Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn
1 5 10 15
Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
20 25 30
Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
35 40 45
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
50 55 60
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65 70 75

<210> 127
<211> 78
<212> PRT
<213> Homo Sapiens

<400> 127
Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr
1 5 10 15
Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
20 25 30
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
35 40 45
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
50 55 60
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

<210> 128
 <211> 77
 <212> PRT
 <213> Homo Sapiens

<400> 128
 Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
 1 5 10 15
 Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
 20 25 30
 Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
 35 40 45
 Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
 50 55 60
 Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 65 70 75

<210> 129
 <211> 76
 <212> PRT
 <213> Homo Sapiens

<400> 129
 Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
 1 5 10 15
 Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
 20 25 30
 Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
 35 40 45
 Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
 50 55 60
 Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 65 70 75

<210> 130
 <211> 75
 <212> PRT
 <213> Homo Sapiens

<400> 130
 Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
 1 5 10 15
 Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
 20 25 30
 Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
 35 40 45
 Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
 50 55 60
 His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 65 70 75

<210> 131
 <211> 74
 <212> PRT
 <213> Homo Sapiens

<400> 131
 Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
 1 5 10 15
 Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
 20 25 30
 Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
 35 40 45
 Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
 50 55 60
 Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 65 70

<210> 132
 <211> 73
 <212> PRT
 <213> Homo Sapiens

<400> 132
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 1 5 10 15
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 20 25 30
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 35 40 45
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 50 55 60
 Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 65 70

<210> 133
 <211> 71
 <212> PRT
 <213> Homo Sapiens

<400> 133
 Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
 1 5 10 15
 Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Ile
 20 25 30
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 35 40 45
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
 50 55 60
 Ala Gly Leu Pro Glu Lys Tyr
 65 70

<210> 134
 <211> 71
 <212> PRT
 <213> Homo Sapiens

<400> 134
 Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
 1 5 10 15
 Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
 20 25 30
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 35 40 45
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
 50 55 60
 Ala Gly Leu Pro Glu Lys Tyr
 65 70

<210> 135
 <211> 70
 <212> PRT
 <213> Homo Sapiens

<400> 135
 Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
 1 5 10 15
 Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
 20 25 30
 Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
 35 40 45
 Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
 50 55 60
 Gly Leu Pro Glu Lys Tyr
 65 70

<210> 136
 <211> 69
 <212> PRT
 <213> Homo Sapiens

<400> 136
 Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
 1 5 10 15
 Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
 20 25 30
 Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
 35 40 45
 Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
 50 55 60
 Leu Pro Glu Lys Tyr
 65

<210> 137
<211> 68
<212> PRT
<213> Homo Sapiens

<400> 137
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
1 5 10 15
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
20 25 30
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
35 40 45
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
50 55 60
Pro Glu Lys Tyr
65

<210> 138
<211> 67
<212> PRT
<213> Homo Sapiens

<400> 138
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
1 5 10 15
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
20 25 30
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
35 40 45
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
50 55 60
Glu Lys Tyr
65

<210> 139
<211> 66
<212> PRT
<213> Homo Sapiens

<400> 139
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
1 5 10 15
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
20 25 30
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
35 40 45
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
50 55 60
Lys Tyr
65

<210> 140

<211> 65
 <212> PRT
 <213> Homo Sapiens

<400> 140
 Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
 1 5 10 15
 Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
 20 25 30
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 35 40 45
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 50 55 60
 Tyr
 65

<210> 141
 <211> 64
 <212> PRT
 <213> Homo Sapiens

<400> 141
 Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
 1 5 10 15
 Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
 20 25 30
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
 35 40 45
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 142
 <211> 63
 <212> PRT
 <213> Homo Sapiens

<400> 142
 Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
 1 5 10 15
 Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
 20 25 30
 Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
 35 40 45
 Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 143
 <211> 62
 <212> PRT
 <213> Homo Sapiens

<400> 143

Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
 1 5 10 15
 Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
 20 25 30
 Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
 35 40 45
 Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 144
 <211> 61
 <212> PRT
 <213> Homo Sapiens

<400> 144
 Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
 1 5 10 15
 Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
 20 25 30
 Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
 35 40 45
 Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 145
 <211> 60
 <212> PRT
 <213> Homo Sapiens

<400> 145
 Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
 1 5 10 15
 Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
 20 25 30
 Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
 35 40 45
 Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 146
 <211> 59
 <212> PRT
 <213> Homo Sapiens

<400> 146
 Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
 1 5 10 15
 Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
 20 25 30
 Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
 35 40 45
 His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

<210> 147

<211> 58

<212> PRT

<213> Homo Sapiens

<400> 147

Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg
1				5					10					15	
Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala
			20				25						30		
Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His
		35					40					45			
Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr						
		50				55									

<210> 148

<211> 57

<212> PRT

<213> Homo Sapiens

<400> 148

Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
1				5				10					15		
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
			20				25						30		
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
		35					40					45			
Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr							
		50				55									

<210> 149

<211> 56

<212> PRT

<213> Homo Sapiens

<400> 149

Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn
1				5				10					15		
Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln
			20				25						30		
Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg
		35					40					45			
Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr								
		50				55									

<210> 150

<211> 55

<212> PRT

<213> Homo Sapiens

<400> 150

Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile
1				5					10					15	
Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala
			20					25					30		
Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro
		35					40					45			
Ala	Gly	Leu	Pro	Glu	Lys	Tyr									
	50					55									

<210> 151

<211> 54

<212> PRT

<213> Homo Sapiens

<400> 151

Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln
1				5					10					15	
Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala
			20					25					30		
Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala
		35					40					45			
Gly	Leu	Pro	Glu	Lys	Tyr										
	50														

<210> 152

<211> 53

<212> PRT

<213> Homo Sapiens

<400> 152

Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg
1				5					10					15	
Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn
			20					25					30		
Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly
		35					40					45			
Leu	Pro	Glu	Lys	Tyr											
	50														

<210> 153

<211> 52

<212> PRT

<213> Homo Sapiens

<400> 153

Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe
1				5					10					15	
Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu
			20					25					30		
Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu

35
Pro Glu Lys Tyr
50

40

45

<210> 154
<211> 51
<212> PRT
<213> Homo Sapiens

<400> 154
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
1 5 10 15
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
20 25 30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
35 40 45
Glu Lys Tyr
50

<210> 155
<211> 51
<212> PRT
<213> Homo Sapiens

<400> 155
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
1 5 10 15
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
20 25 30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
35 40 45
Glu Lys Tyr
50

<210> 156
<211> 49
<212> PRT
<213> Homo Sapiens

<400> 156
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
1 5 10 15
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
20 25 30
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
35 40 45
Tyr

<210> 157
<211> 48

<212> PRT

<213> Homo Sapiens

<400> 157

Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly
1				5					10					15	
Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser
			20					25					30		
Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr
		35					40					45			

<210> 158

<211> 47

<212> PRT

<213> Homo Sapiens

<400> 158

Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala
1				5				10						15	
Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly
			20					25					30		
Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr	
		35					40					45			

<210> 159

<211> 46

<212> PRT

<213> Homo Sapiens

<400> 159

Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu
1				5				10						15	
Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys
			20					25					30		
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
		35					40					45			

<210> 160

<211> 45

<212> PRT

<213> Homo Sapiens

<400> 160

Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp
1				5				10						15	
Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
			20					25					30		
Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
		35					40					45			

<210> 161

<211> 44
<212> PRT
<213> Homo Sapiens

<400> 161
Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
1 5 10 15
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
20 25 30
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
35 40

<210> 162
<211> 43
<212> PRT
<213> Homo Sapiens

<400> 162
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
1 5 10 15
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
20 25 30
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
35 40

<210> 163
<211> 42
<212> PRT
<213> Homo Sapiens

<400> 163
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
1 5 10 15
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
20 25 30
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
35 40

<210> 164
<211> 41
<212> PRT
<213> Homo Sapiens

<400> 164
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
1 5 10 15
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
20 25 30
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
35 40

<210> 165
 <211> 40
 <212> PRT
 <213> Homo Sapiens

<400> 165
 Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
 1 5 10 15
 Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
 20 25 30
 Pro Ala Gly Leu Pro Glu Lys Tyr
 35 40

<210> 166
 <211> 39
 <212> PRT
 <213> Homo Sapiens

<400> 166
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 1 5 10 15
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
 20 25 30
 Ala Gly Leu Pro Glu Lys Tyr
 35

<210> 167
 <211> 38
 <212> PRT
 <213> Homo Sapiens

<400> 167
 Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
 1 5 10 15
 Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
 20 25 30
 Gly Leu Pro Glu Lys Tyr
 35

<210> 168
 <211> 37
 <212> PRT
 <213> Homo Sapiens

<400> 168
 Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
 1 5 10 15
 Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
 20 25 30
 Leu Pro Glu Lys Tyr
 35

<210> 169
 <211> 35
 <212> PRT
 <213> Homo Sapiens

<400> 169
 Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
 1 5 10 15
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 20 25 30
 Glu Lys Tyr
 35

<210> 170
 <211> 34
 <212> PRT
 <213> Homo Sapiens

<400> 170
 Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
 1 5 10 15
 Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
 20 25 30
 Lys Tyr

<210> 171
 <211> 33
 <212> PRT
 <213> Homo Sapiens

<400> 171
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 1 5 10 15
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 20 25 30
 Tyr

<210> 172
 <211> 32
 <212> PRT
 <213> Homo Sapiens

<400> 172
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
 1 5 10 15
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 20 25 30

<210> 173
<211> 31
<212> PRT
<213> Homo Sapiens

<400> 173
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
1 5 10 15
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25 30

<210> 174
<211> 30
<212> PRT
<213> Homo Sapiens

<400> 174
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
1 5 10 15
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25 30

<210> 175
<211> 29
<212> PRT
<213> Homo Sapiens

<400> 175
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
1 5 10 15
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25

<210> 176
<211> 28
<212> PRT
<213> Homo Sapiens

<400> 176
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
1 5 10 15
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25

<210> 177
<211> 27
<212> PRT
<213> Homo Sapiens

<400> 177
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn

<212> PRT
<213> Homo Sapiens

<400> 182
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
1 5 10 15
Gly Leu Pro Glu Lys Tyr
20

<210> 183
<211> 21
<212> PRT
<213> Homo Sapiens

<400> 183
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
1 5 10 15
Leu Pro Glu Lys Tyr
20

<210> 184
<211> 20
<212> PRT
<213> Homo Sapiens

<400> 184
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
1 5 10 15
Pro Glu Lys Tyr
20

<210> 185
<211> 19
<212> PRT
<213> Homo Sapiens

<400> 185
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
1 5 10 15
Glu Lys Tyr

<210> 186
<211> 18
<212> PRT
<213> Homo Sapiens

<400> 186
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
1 5 10 15
Lys Tyr

<210> 187
<211> 17
<212> PRT
<213> Homo Sapiens

<400> 187
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
1 5 10 15
Tyr

<210> 188
<211> 16
<212> PRT
<213> Homo Sapiens

<400> 188
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10 15

<210> 189
<211> 15
<212> PRT
<213> Homo Sapiens

<400> 189
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10 15

<210> 190
<211> 14
<212> PRT
<213> Homo Sapiens

<400> 190
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 191
<211> 13
<212> PRT
<213> Homo Sapiens

<400> 191
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 192
<211> 12
<212> PRT
<213> Homo Sapiens

<400> 192
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 193
<211> 11
<212> PRT
<213> Homo Sapiens

<400> 193
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 194
<211> 10
<212> PRT
<213> Homo Sapiens

<400> 194
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 195
<211> 9
<212> PRT
<213> Homo Sapiens

<400> 195
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5

<210> 196
<211> 8
<212> PRT
<213> Homo Sapiens

<400> 196
Pro Ala Gly Leu Pro Glu Lys Tyr
1 5

<210> 197
<211> 7
<212> PRT
<213> Homo Sapiens

<400> 197
 Ala Gly Leu Pro Glu Lys Tyr
 1 5

<210> 198
 <211> 6
 <212> PRT
 <213> Homo Sapiens

<400> 198
 Gly Leu Pro Glu Lys Tyr
 1 5

<210> 199
 <211> 5
 <212> PRT
 <213> Homo Sapiens

<400> 199
 Leu Pro Glu Lys Tyr
 1 5

<210> 200
 <211> 4
 <212> PRT
 <213> Homo Sapiens

<400> 200
 Pro Glu Lys Tyr
 1

<210> 201
 <211> 99
 <212> PRT
 <213> Homo Sapiens

<400> 201
 Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
 1 5 10 15
 Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His
 20 25 30
 Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
 35 40 45
 Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
 50 55 60
 Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
 65 70 75 80
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 85 90 95
 Glu Lys Tyr

<210> 202
 <211> 97
 <212> PRT
 <213> Homo Sapiens

<400> 202
 Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
 1 5 10 15
 Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg
 20 25 30
 Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
 35 40 45
 Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
 50 55 60
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 65 70 75 80
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 85 90 95
 Tyr

<210> 203
 <211> 99
 <212> PRT
 <213> Homo Sapiens

<400> 203
 Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
 1 5 10 15
 Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His
 20 25 30
 Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
 35 40 45
 Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
 50 55 60
 Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
 65 70 75 80
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 85 90 95
 Glu Lys Tyr

<210> 204
 <211> 101
 <212> PRT
 <213> Homo Sapiens

<400> 204
 Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg
 1 5 10 15
 Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr

	20		25		30										
Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly
	35						40					45			
Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg
	50					55					60				
Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn
65					70					75					80
Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly
				85					90					95	
Leu	Pro	Glu	Lys	Tyr											
			100												

<210> 205
 <211> 100
 <212> PRT
 <213> Homo Sapiens

	<400>	205													
Ser	Phe	Leu	Gly	Glu	Ala	Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala
1			5						10					15	
Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe
		20						25					30		
His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val
	35						40					45			
Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe
	50					55					60				
Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu
65					70					75					80
Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu
				85					90					95	
Pro	Glu	Lys	Tyr												
			100												

<210> 206
 <211> 98
 <212> PRT
 <213> Homo Sapiens

	<400>	206													
Phe	Leu	Gly	Glu	Ala	Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr
1				5					10					15	
Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	Ala
		20						25					30		
Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala
	35						40					45			
Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly
	50					55					60				
Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly
65					70					75					80
Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu
				85					90					95	
Lys	Tyr														

<210> 207
 <211> 98
 <212> PRT
 <213> Homo Sapiens

<400> 207
 Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser
 1 5 10 15
 Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala
 20 25 30
 Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
 35 40 45
 Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
 50 55 60
 Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
 65 70 75 80
 Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
 85 90 95
 Lys Tyr

<210> 208
 <211> 97
 <212> PRT
 <213> Homo Sapiens

<400> 208
 Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
 1 5 10 15
 Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg
 20 25 30
 Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
 35 40 45
 Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
 50 55 60
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 65 70 75 80
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 85 90 95
 Tyr

<210> 209
 <211> 96
 <212> PRT
 <213> Homo Sapiens

<400> 209
 Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met
 1 5 10 15
 Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly

		20						25					30				
Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu		
		35					40					45					
Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly		
	50					55					60						
Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser		
65					70					75					80		
Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
				85					90					95			

<210> 210
 <211> 95
 <212> PRT
 <213> Homo Sapiens

<400> 210																	
Ala	Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg		
1				5					10					15			
Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn		
		20						25					30				
Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala		
		35					40					45					
Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala		
	50					55				60							
Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly		
65					70				75					80			
Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
				85					90					95			

<210> 211
 <211> 94
 <212> PRT
 <213> Homo Sapiens

<400> 211																	
Phe	Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu		
1				5					10					15			
Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr		
		20						25					30				
Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile		
		35					40					45					
Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu		
	50					55				60							
Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys		
65					70				75					80			
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
				85					90								

<210> 212
 <211> 93
 <212> PRT
 <213> Homo Sapiens

<400> 212

Asp	Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala
1				5					10					15	
Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp
			20					25					30		
Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser
		35				40						45			
Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp
	50					55				60					
Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
65				70						75					80
Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
				85					90						

<210> 213

<211> 92

<212> PRT

<213> Homo Sapiens

<400> 213

Gly	Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn
1				5					10					15	
Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala
			20					25					30		
Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn
		35				40						45			
Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser
	50					55				60					
Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro
65				70						75					80
Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
				85					90						

<210> 214

<211> 91

<212> PRT

<213> Homo Sapiens

<400> 214

Ala	Arg	Asp	Met	Trp	Arg	Ala	Tyr	Ser	Asp	Met	Arg	Glu	Ala	Asn	Tyr
1				5					10					15	
Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala
			20					25					30		
Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala
		35				40						45			
Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu
	50					55				60					
Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn
65				70						75					80
His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr					
				85					90						

<210> 215
 <211> 90
 <212> PRT
 <213> Homo Sapiens

<400> 215
 Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile
 1 5 10 15
 Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
 20 25 30
 Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
 35 40 45
 Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
 50 55 60
 Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
 65 70 75 80
 Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85 90

<210> 216
 <211> 89
 <212> PRT
 <213> Homo Sapiens

<400> 216
 Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
 1 5 10 15
 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
 20 25 30
 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
 35 40 45
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 50 55 60
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 65 70 75 80
 Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 85

<210> 217
 <211> 88
 <212> PRT
 <213> Homo Sapiens

<400> 217
 Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser
 1 5 10 15
 Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
 20 25 30
 Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
 35 40 45
 Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
 50 55 60

Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
65 70 75 80
Pro Ala Gly Leu Pro Glu Lys Tyr
85

<210> 218
<211> 87
<212> PRT
<213> Homo Sapiens

<400> 218
Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp
1 5 10 15
Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
20 25 30
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
35 40 45
Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
50 55 60
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
65 70 75 80
Ala Gly Leu Pro Glu Lys Tyr
85

<210> 219
<211> 86
<212> PRT
<213> Homo Sapiens

<400> 219
Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys
1 5 10 15
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
20 25 30
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
35 40 45
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
50 55 60
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
65 70 75 80
Gly Leu Pro Glu Lys Tyr
85

<210> 220
<211> 85
<212> PRT
<213> Homo Sapiens

<400> 220
Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr
1 5 10 15
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly

20 25 30
 Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
 35 40 45
 Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
 50 55 60
 Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
 65 70 75 80
 Leu Pro Glu Lys Tyr
 85

<210> 221
 <211> 84
 <212> PRT
 <213> Homo Sapiens

<400> 221
 Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe
 1 5 10 15
 His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
 20 25 30
 Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
 35 40 45
 Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
 50 55 60
 Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
 65 70 75 80
 Pro Glu Lys Tyr

<210> 222
 <211> 83
 <212> PRT
 <213> Homo Sapiens

<400> 222
 Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His
 1 5 10 15
 Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
 20 25 30
 Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
 35 40 45
 Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
 50 55 60
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 65 70 75 80
 Glu Lys Tyr

<210> 223
 <211> 82
 <212> PRT
 <213> Homo Sapiens

<400> 223

Asp	Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala
1				5					10					15	
Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala
		20						25					30		
Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly
		35					40					45			
Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly
	50					55					60				
Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu
65					70					75					80
Lys	Tyr														

<210> 224

<211> 81

<212> PRT

<213> Homo Sapiens

<400> 224

Met	Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg
1				5					10					15	
Gly	Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala
			20					25					30		
Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg
		35					40					45			
Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg
	50					55					60				
Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys
65					70					75					80
Tyr															

<210> 225

<211> 80

<212> PRT

<213> Homo Sapiens

<400> 225

Arg	Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly
1				5					10					15	
Asn	Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu
			20					25					30		
Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly
		35					40					45			
Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser
	50					55					60				
Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr
65					70					75					80

<210> 226

<211> 79
<212> PRT
<213> Homo Sapiens

<400> 226

Glu	Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn
1				5					10					15	
Tyr	Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala
		20						25						30	
Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala
		35					40					45			
Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly
	50					55					60				
Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr	
65					70					75					

<210> 227
<211> 78
<212> PRT
<213> Homo Sapiens

<400> 227

Ala	Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr
1				5					10					15	
Asp	Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile
		20						25					30		
Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu
		35					40					45			
Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys
	50					55					60				
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
65					70					75					

<210> 228
<211> 77
<212> PRT
<213> Homo Sapiens

<400> 228

Asn	Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp
1				5					10					15	
Ala	Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser
		20						25					30		
Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp
		35					40					45			
Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
	50					55					60				
Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
65					70					75					

<210> 229
<211> 76

<212> PRT

<213> Homo Sapiens

<400> 229

Tyr	Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala
1				5					10					15	
Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn
			20					25					30		
Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser
			35				40					45			
Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro
	50					55					60				
Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
65					70					75					

<210> 230

<211> 75

<212> PRT

<213> Homo Sapiens

<400> 230

Ile	Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala
1				5					10					15	
Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala
			20					25					30		
Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu
			35				40					45			
Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn
	50					55					60				
His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr					
65					70					75					

<210> 231

<211> 74

<212> PRT

<213> Homo Sapiens

<400> 231

Gly	Ser	Asp	Lys	Tyr	Phe	His	Ala	Arg	Gly	Asn	Tyr	Asp	Ala	Ala	Lys
1				5					10					15	
Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg
			20					25					30		
Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala
			35				40					45			
Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His
	50					55					60				
Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr						
65					70										

<210> 232

<211> 73

<212> PRT

<213> Homo Sapiens

<400> 232

Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
1 5 10 15
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
20 25 30
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
35 40 45
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
50 55 60
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65 70

<210> 233

<211> 72

<212> PRT

<213> Homo Sapiens

<400> 233

Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
1 5 10 15
Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
20 25 30
Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
35 40 45
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
50 55 60
Pro Ala Gly Leu Pro Glu Lys Tyr
65 70

<210> 234

<211> 71

<212> PRT

<213> Homo Sapiens

<400> 234

Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
1 5 10 15
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
20 25 30
Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
35 40 45
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
50 55 60
Ala Gly Leu Pro Glu Lys Tyr
65 70

<210> 235

<211> 70

<212> PRT

<213> Homo Sapiens

<400> 235

Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
1 5 10 15
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
20 25 30
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
35 40 45
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
50 55 60
Gly Leu Pro Glu Lys Tyr
65 70

<210> 236

<211> 69

<212> PRT

<213> Homo Sapiens

<400> 236

Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
1 5 10 15
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
20 25 30
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
35 40 45
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
50 55 60
Leu Pro Glu Lys Tyr
65

<210> 237

<211> 68

<212> PRT

<213> Homo Sapiens

<400> 237

His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
1 5 10 15
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
20 25 30
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
35 40 45
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
50 55 60
Pro Glu Lys Tyr
65

<210> 238

<211> 67

<212> PRT

<213> Homo Sapiens

<400> 238

Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
1 5 10 15
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
20 25 30
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
35 40 45
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
50 55 60
Glu Lys Tyr
65

<210> 239

<211> 66

<212> PRT

<213> Homo Sapiens

<400> 239

Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
1 5 10 15
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
20 25 30
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
35 40 45
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
50 55 60
Lys Tyr
65

<210> 240

<211> 65

<212> PRT

<213> Homo Sapiens

<400> 240

Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
1 5 10 15
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
20 25 30
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
35 40 45
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
50 55 60
Tyr
65

<210> 241

<211> 64

<212> PRT

<213> Homo Sapiens

<400> 241

Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
 1 5 10 15
 Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
 20 25 30
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
 35 40 45
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 242
 <211> 63
 <212> PRT
 <213> Homo Sapiens

<400> 242
 Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
 1 5 10 15
 Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
 20 25 30
 Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
 35 40 45
 Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 243
 <211> 62
 <212> PRT
 <213> Homo Sapiens

<400> 243
 Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
 1 5 10 15
 Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
 20 25 30
 Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
 35 40 45
 Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 50 55 60

<210> 244
 <211> 61
 <212> PRT
 <213> Homo Sapiens

<400> 244
 Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
 1 5 10 15
 Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
 20 25 30
 Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
 35 40 45
 Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

50

55

60

<210> 245

<211> 60

<212> PRT

<213> Homo Sapiens

<400> 245

Ala	Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn
1				5					10					15	
Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser
		20					25						30		
Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro
		35				40						45			
Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
	50					55					60				

<210> 246

<211> 59

<212> PRT

<213> Homo Sapiens

<400> 246

Lys	Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala
1				5					10					15	
Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu
		20					25						30		
Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn
		35				40						45			
His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr					
	50					55									

<210> 247

<211> 58

<212> PRT

<213> Homo Sapiens

<400> 247

Arg	Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg
1				5					10					15	
Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala
		20					25						30		
Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His
		35				40					45				
Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr						
	50					55									

<210> 248

<211> 57

<212> PRT

<213> Homo Sapiens

<400> 248

Gly	Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu
1				5					10					15	
Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp
		20						25					30		
Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe
		35					40					45			
Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr							
	50					55									

<210> 249

<211> 56

<212> PRT

<213> Homo Sapiens

<400> 249

Pro	Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn
1				5					10					15	
Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln
		20						25					30		
Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg
		35					40					45			
Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr								
	50					55									

<210> 250

<211> 55

<212> PRT

<213> Homo Sapiens

<400> 250

Gly	Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile
1				5					10					15	
Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala
		20						25					30		
Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro
		35					40					45			
Ala	Gly	Leu	Pro	Glu	Lys	Tyr									
	50					55									

<210> 251

<211> 54

<212> PRT

<213> Homo Sapiens

<400> 251

Gly	Val	Trp	Ala	Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln
1				5					10					15	
Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala
		20						25					30		
Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala

35
Gly Leu Pro Glu Lys Tyr
50

40

45

<210> 252
<211> 53
<212> PRT
<213> Homo Sapiens

<400> 252
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
1 5 10 15
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
20 25 30
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
35 40 45
Leu Pro Glu Lys Tyr
50

<210> 253
<211> 52
<212> PRT
<213> Homo Sapiens

<400> 253
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
1 5 10 15
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
20 25 30
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
35 40 45
Pro Glu Lys Tyr
50

<210> 254
<211> 51
<212> PRT
<213> Homo Sapiens

<400> 254
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
1 5 10 15
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
20 25 30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
35 40 45
Glu Lys Tyr
50

<210> 255
<211> 50

<212> PRT
<213> Homo Sapiens

<400> 255

Ala	Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly
1				5				10					15		
Arg	Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly
		20						25					30		
Arg	Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu
		35					40						45		
Lys	Tyr														
	50														

<210> 256
<211> 49
<212> PRT
<213> Homo Sapiens

<400> 256

Glu	Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg
1				5				10					15		
Gly	Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg
		20						25					30		
Ser	Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys
		35					40						45		
Tyr															

<210> 257
<211> 48
<212> PRT
<213> Homo Sapiens

<400> 257

Ala	Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly
1				5				10					15		
Ala	Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser
		20						25					30		
Gly	Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr
		35					40						45		

<210> 258
<211> 47
<212> PRT
<213> Homo Sapiens

<400> 258

Ile	Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala
1				5				10					15		
Glu	Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly
		20						25					30		
Lys	Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr	

35

40

45

<210> 259

<211> 46

<212> PRT

<213> Homo Sapiens

<400> 259

Ser	Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu
1				5					10					15	
Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys
		20						25					30		
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
		35					40					45			

<210> 260

<211> 45

<212> PRT

<213> Homo Sapiens

<400> 260

Asn	Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp
1				5					10					15	
Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
		20						25					30		
Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
		35					40					45			

<210> 261

<211> 44

<212> PRT

<213> Homo Sapiens

<400> 261

Ala	Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser
1				5					10					15	
Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro
		20						25					30		
Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
		35					40								

<210> 262

<211> 43

<212> PRT

<213> Homo Sapiens

<400> 262

Arg	Glu	Asn	Ile	Gln	Arg	Phe	Phe	Gly	Arg	Gly	Ala	Glu	Asp	Ser	Leu
1				5					10					15	
Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn
		20						25					30		

His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 35 40

<210> 263
 <211> 42
 <212> PRT
 <213> Homo Sapiens

<400> 263
 Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
 1 5 10 15
 Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
 20 25 30
 Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 35 40

<210> 264
 <211> 41
 <212> PRT
 <213> Homo Sapiens

<400> 264
 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
 1 5 10 15
 Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
 20 25 30
 Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 35 40

<210> 265
 <211> 40
 <212> PRT
 <213> Homo Sapiens

<400> 265
 Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
 1 5 10 15
 Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
 20 25 30
 Pro Ala Gly Leu Pro Glu Lys Tyr
 35 40

<210> 266
 <211> 39
 <212> PRT
 <213> Homo Sapiens

<400> 266
 Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
 1 5 10 15
 Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro

20
Ala Gly Leu Pro Glu Lys Tyr
35

25

30

<210> 267
<211> 38
<212> PRT
<213> Homo Sapiens

<400> 267
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
1 5 10 15
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
20 25 30
Gly Leu Pro Glu Lys Tyr
35

<210> 268
<211> 37
<212> PRT
<213> Homo Sapiens

<400> 268
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
1 5 10 15
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
20 25 30
Leu Pro Glu Lys Tyr
35

<210> 269
<211> 36
<212> PRT
<213> Homo Sapiens

<400> 269
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
1 5 10 15
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
20 25 30
Pro Glu Lys Tyr
35

<210> 270
<211> 35
<212> PRT
<213> Homo Sapiens

<400> 270
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
1 5 10 15

Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
 20 25 30
 Glu Lys Tyr
 35

<210> 271
 <211> 34
 <212> PRT
 <213> Homo Sapiens

<400> 271
 Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
 1 5 10 15
 Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
 20 25 30
 Lys Tyr

<210> 272
 <211> 33
 <212> PRT
 <213> Homo Sapiens

<400> 272
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
 1 5 10 15
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 20 25 30
 Tyr

<210> 273
 <211> 32
 <212> PRT
 <213> Homo Sapiens

<400> 273
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
 1 5 10 15
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 20 25 30

<210> 274
 <211> 31
 <212> PRT
 <213> Homo Sapiens

<400> 274
 Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
 1 5 10 15
 Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

<210> 275

<211> 30

<212> PRT

<213> Homo Sapiens

<400> 275

Asp	Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys
1				5					10					15	
Asp	Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr		
			20					25					30		

<210> 276

<211> 29

<212> PRT

<213> Homo Sapiens

<400> 276

Ser	Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp
1				5					10					15	
Pro	Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr			
			20					25							

<210> 277

<211> 28

<212> PRT

<213> Homo Sapiens

<400> 277

Leu	Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro
1				5					10					15	
Asn	His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr				
			20					25							

<210> 278

<211> 27

<212> PRT

<213> Homo Sapiens

<400> 278

Ala	Asp	Gln	Ala	Ala	Asn	Glu	Trp	Gly	Arg	Ser	Gly	Lys	Asp	Pro	Asn
1				5					10					15	
His	Phe	Arg	Pro	Ala	Gly	Leu	Pro	Glu	Lys	Tyr					
			20					25							

<210> 279

<211> 26

<212> PRT

<213> Homo Sapiens

<400> 279

Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
1 5 10 15
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25

<210> 280

<211> 25

<212> PRT

<213> Homo Sapiens

<400> 280

Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
1 5 10 15
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
20 25

<210> 281

<211> 24

<212> PRT

<213> Homo Sapiens

<400> 281

Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
1 5 10 15
Pro Ala Gly Leu Pro Glu Lys Tyr
20

<210> 282

<211> 23

<212> PRT

<213> Homo Sapiens

<400> 282

Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
1 5 10 15
Ala Gly Leu Pro Glu Lys Tyr
20

<210> 283

<211> 22

<212> PRT

<213> Homo Sapiens

<400> 283

Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
1 5 10 15
Gly Leu Pro Glu Lys Tyr
20

<210> 284
<211> 21
<212> PRT
<213> Homo Sapiens

<400> 284
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
1 5 10 15
Leu Pro Glu Lys Tyr
20

<210> 285
<211> 20
<212> PRT
<213> Homo Sapiens

<400> 285
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
1 5 10 15
Pro Glu Lys Tyr
20

<210> 286
<211> 19
<212> PRT
<213> Homo Sapiens

<400> 286
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
1 5 10 15
Glu Lys Tyr

<210> 287
<211> 18
<212> PRT
<213> Homo Sapiens

<400> 287
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
1 5 10 15
Lys Tyr

<210> 288
<211> 17
<212> PRT
<213> Homo Sapiens

<400> 288

Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
 1 5 10 15
 Tyr

<210> 289
 <211> 16
 <212> PRT
 <213> Homo Sapiens

<400> 289
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 1 5 10 15

<210> 290
 <211> 15
 <212> PRT
 <213> Homo Sapiens

<400> 290
 Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 1 5 10 15

<210> 291
 <211> 14
 <212> PRT
 <213> Homo Sapiens

<400> 291
 Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 1 5 10

<210> 292
 <211> 13
 <212> PRT
 <213> Homo Sapiens

<400> 292
 Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 1 5 10

<210> 293
 <211> 12
 <212> PRT
 <213> Homo Sapiens

<400> 293
 Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
 1 5 10

<210> 294
<211> 11
<212> PRT
<213> Homo Sapiens

<400> 294
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 295
<211> 10
<212> PRT
<213> Homo Sapiens

<400> 295
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5 10

<210> 296
<211> 9
<212> PRT
<213> Homo Sapiens

<400> 296
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1 5

<210> 297
<211> 8
<212> PRT
<213> Homo Sapiens

<400> 297
Pro Ala Gly Leu Pro Glu Lys Tyr
1 5

<210> 298
<211> 7
<212> PRT
<213> Homo Sapiens

<400> 298
Ala Gly Leu Pro Glu Lys Tyr
1 5

<210> 299
<211> 6
<212> PRT
<213> Homo Sapiens

<400> 299
Gly Leu Pro Glu Lys Tyr
1 5

<210> 300
<211> 5
<212> PRT
<213> Homo Sapiens

<400> 300
Leu Pro Glu Lys Tyr
1 5

<210> 301
<211> 4
<212> PRT
<213> Homo Sapiens

<400> 301
Pro Glu Lys Tyr
1